

BEST AVAILABLE COPY

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/527,603  
Source: PCT  
Date Processed by STIC: 3-25-05

***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 03/25/2005

PATENT APPLICATION: US/10/527,603

TIME: 11:09:50

Input Set : A:\Sense 27353-510-061-SequenceListing.txt

Output Set: N:\CRF4\03252005\J527603.raw

```

3 <110> APPLICANT: Sense Proteomic Limited
5 <120> TITLE OF INVENTION: PROTEIN ARRAYS AND USES THEREOF
7 <130> FILE REFERENCE: 27353-510 061
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/527,603
C--> 10 <141> CURRENT FILING DATE: 2005-03-15
12 <150> PRIOR APPLICATION NUMBER: US 60/410,815
13 <151> PRIOR FILING DATE: 2002-09-16
15 <150> PRIOR APPLICATION NUMBER: PCT/GB02/05499
16 <151> PRIOR FILING DATE: 2002-12-05
18 <150> PRIOR APPLICATION NUMBER: US 10/313,963
19 <151> PRIOR FILING DATE: 2002-12-05
21 <160> NUMBER OF SEQ ID NOS: 63
23 <170> SOFTWARE: PatentIn version 3.2
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 27
27 <212> TYPE: DNA
28 <213> ORGANISM: Artificial
30 <220> FEATURE:
31 <223> OTHER INFORMATION: Primer
33 <400> SEQUENCE: 1
34 gctgcacgct acccaccagg cccctg 27
37 <210> SEQ ID NO: 2
38 <211> LENGTH: 45
39 <212> TYPE: DNA
40 <213> ORGANISM: Artificial
42 <220> FEATURE:
43 <223> OTHER INFORMATION: Primer
45 <400> SEQUENCE: 2
46 ttgcggccgc tcttctacta gcggggcaca gcacaaagct catag 45
49 <210> SEQ ID NO: 3
50 <211> LENGTH: 50
51 <212> TYPE: DNA
52 <213> ORGANISM: Artificial
54 <220> FEATURE:
55 <223> OTHER INFORMATION: Primer
57 <400> SEQUENCE: 3
58 tatttctcact ggccattacg gccgctgcac gctacccacc agggccctg 50
61 <210> SEQ ID NO: 4
62 <211> LENGTH: 80
63 <212> TYPE: DNA
64 <213> ORGANISM: Artificial
66 <220> FEATURE:
67 <223> OTHER INFORMATION: Primer

```

## RAW SEQUENCE LISTING

DATE: 03/25/2005

PATENT APPLICATION: US/10/527,603

TIME: 11:09:50

Input Set : A:\Sense 27353-510-061-SequenceListing.txt

Output Set: N:\CRF4\03252005\J527603.raw

```

69 <400> SEQUENCE: 4
70 tattctcact ggccattacg gccgtggacc tgatgcaccg gcgccaacgc tgggctgcac      60
72 gctacccacc agggcccctg      80
75 <210> SEQ ID NO: 5
76 <211> LENGTH: 107
77 <212> TYPE: DNA
78 <213> ORGANISM: Artificial
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Primer
83 <400> SEQUENCE: 5
84 tattctcact ggccattacg gccatggctc tagaagcact ggtgcccctg gccgtgatag      60
86 tggccatctt cctgctcctg gtggacctga tgcaccggcg ccaacgc      107
89 <210> SEQ ID NO: 6
90 <211> LENGTH: 27
91 <212> TYPE: DNA
92 <213> ORGANISM: Artificial
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Primer
97 <400> SEQUENCE: 6
98 gcggggcaca gcacaaagct cataggg      27
101 <210> SEQ ID NO: 7
102 <211> LENGTH: 28
103 <212> TYPE: DNA
104 <213> ORGANISM: Artificial
106 <220> FEATURE:
107 <223> OTHER INFORMATION: Primer
109 <400> SEQUENCE: 7
110 ctccctcctg gcccactcc tctcccaa      28
113 <210> SEQ ID NO: 8
114 <211> LENGTH: 46
115 <212> TYPE: DNA
116 <213> ORGANISM: Artificial
118 <220> FEATURE:
119 <223> OTHER INFORMATION: Primer
121 <400> SEQUENCE: 8
122 tttgcggccg ctcttctatc agacaggaat gaagcacagc ctggta      46
125 <210> SEQ ID NO: 9
126 <211> LENGTH: 27
127 <212> TYPE: DNA
128 <213> ORGANISM: Artificial
130 <220> FEATURE:
131 <223> OTHER INFORMATION: Primer
133 <400> SEQUENCE: 9
134 cttggaattc cagggccac acctctg      27
137 <210> SEQ ID NO: 10
138 <211> LENGTH: 48
139 <212> TYPE: DNA
140 <213> ORGANISM: Artificial
142 <220> FEATURE:

```

## RAW SEQUENCE LISTING

DATE: 03/25/2005

PATENT APPLICATION: US/10/527,603

TIME: 11:09:50

Input Set : A:\Sense 27353-510-061-SequenceListing.txt

Output Set: N:\CRF4\03252005\J527603.raw

```

143 <223> OTHER INFORMATION: Primer
145 <400> SEQUENCE: 10
146 ttgtcgccg ctcttctatc aggtccact tacggtgcc tcccttga 48
149 <210> SEQ ID NO: 11
150 <211> LENGTH: 83
151 <212> TYPE: DNA
152 <213> ORGANISM: Artificial
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Primer
157 <400> SEQUENCE: 11
158 tattctcact ggccattacg gcctatggaa cccattcaca tggacttttt aagaagcttg 60
160 gaattccagg gccacacct ctg 83
163 <210> SEQ ID NO: 12
164 <211> LENGTH: 50
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial
168 <220> FEATURE:
169 <223> OTHER INFORMATION: Primer
171 <400> SEQUENCE: 12
172 tattctcact ggccattacg gcccttggaa ttccagggcc cacacctctg 50
175 <210> SEQ ID NO: 13
176 <211> LENGTH: 87
177 <212> TYPE: DNA
178 <213> ORGANISM: Artificial
180 <220> FEATURE:
181 <223> OTHER INFORMATION: Primer
183 <400> SEQUENCE: 13
184 tattctcact ggccattacg gcccctcctg gctgtcagcc tgggtctcct ctatctatat 60
186 ggaaccatt cacatggact ttttagg 87
189 <210> SEQ ID NO: 14
190 <211> LENGTH: 28
191 <212> TYPE: DNA
192 <213> ORGANISM: Artificial
194 <220> FEATURE:
195 <223> OTHER INFORMATION: Primer
197 <400> SEQUENCE: 14
198 ggctccactt acggtgccat cccttgac 28
201 <210> SEQ ID NO: 15
202 <211> LENGTH: 75
203 <212> TYPE: DNA
204 <213> ORGANISM: Artificial
206 <220> FEATURE:
207 <223> OTHER INFORMATION: Primer
209 <400> SEQUENCE: 15
210 tattctcact ggccattacg gccagacaga gctctgggag aggaaaactc cctcctggcc 60
212 ccactcctct cccag 75
215 <210> SEQ ID NO: 16
216 <211> LENGTH: 51
217 <212> TYPE: DNA

```

## RAW SEQUENCE LISTING

DATE: 03/25/2005

PATENT APPLICATION: US/10/527,603

TIME: 11:09:50

Input Set : A:\Sense 27353-510-061-SequenceListing.txt

Output Set: N:\CRF4\03252005\J527603.raw

```

218 <213> ORGANISM: Artificial
220 <220> FEATURE:
221 <223> OTHER INFORMATION: Primer
223 <400> SEQUENCE: 16
224 tattctcact ggccattacg gccctccctc ctggcccccac tcctctccca g          51
227 <210> SEQ ID NO: 17
228 <211> LENGTH: 29
229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial
232 <220> FEATURE:
233 <223> OTHER INFORMATION: Primer
235 <400> SEQUENCE: 17
236 gacaggaatg aagcacagct ggtagaagg          29
239 <210> SEQ ID NO: 18
240 <211> LENGTH: 57
241 <212> TYPE: DNA
242 <213> ORGANISM: Artificial
244 <220> FEATURE:
245 <223> OTHER INFORMATION: Primer
247 <400> SEQUENCE: 18
248 ctctcatggt tgcttctcct ttcactctgg agacagcgct ctgggagagg aaaactc          57
251 <210> SEQ ID NO: 19
252 <211> LENGTH: 54
253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial
256 <220> FEATURE:
257 <223> OTHER INFORMATION: Primer
259 <400> SEQUENCE: 19
260 acagagcaca aggaccacaa gagaatcggc cgtaagtgcc atagttaatt tctc          54
263 <210> SEQ ID NO: 20
264 <211> LENGTH: 33
265 <212> TYPE: DNA
266 <213> ORGANISM: Artificial
268 <220> FEATURE:
269 <223> OTHER INFORMATION: Primer
271 <400> SEQUENCE: 20
272 ggatcgacat atgggagact cccacgtgga cac          33
275 <210> SEQ ID NO: 21
276 <211> LENGTH: 34
277 <212> TYPE: DNA
278 <213> ORGANISM: Artificial
280 <220> FEATURE:
281 <223> OTHER INFORMATION: Primer
283 <400> SEQUENCE: 21
284 ccgataagct tatcagctcc acacgtccag ggag          34
287 <210> SEQ ID NO: 22
288 <211> LENGTH: 23
289 <212> TYPE: DNA
290 <213> ORGANISM: Artificial

```

## RAW SEQUENCE LISTING

DATE: 03/25/2005

PATENT APPLICATION: US/10/527,603

TIME: 11:09:50

Input Set : A:\Sense 27353-510-061-SequenceListing.txt

Output Set: N:\CRF4\03252005\J527603.raw

```

292 <220> FEATURE:
293 <223> OTHER INFORMATION: Primer
295 <400> SEQUENCE: 22
296 tgtgttcaag aggaagccccg ctg 23
299 <210> SEQ ID NO: 23
300 <211> LENGTH: 25
301 <212> TYPE: DNA
302 <213> ORGANISM: Artificial
304 <220> FEATURE:
305 <223> OTHER INFORMATION: Primer
307 <400> SEQUENCE: 23
308 gtcctcaatg ctgctcttcc ccata 25
311 <210> SEQ ID NO: 24
312 <211> LENGTH: 24
313 <212> TYPE: DNA
314 <213> ORGANISM: Artificial
316 <220> FEATURE:
317 <223> OTHER INFORMATION: Primer
319 <400> SEQUENCE: 24
320 cttgaccttc tccccaccag cctg 24
323 <210> SEQ ID NO: 25
324 <211> LENGTH: 24
325 <212> TYPE: DNA
326 <213> ORGANISM: Artificial
328 <220> FEATURE:
329 <223> OTHER INFORMATION: Primer
331 <400> SEQUENCE: 25
332 gtatctctgg acctcgtgca ccac 24
335 <210> SEQ ID NO: 26
336 <211> LENGTH: 23
337 <212> TYPE: DNA
338 <213> ORGANISM: Artificial
340 <220> FEATURE:
341 <223> OTHER INFORMATION: Primer
343 <400> SEQUENCE: 26
344 ctgaccttct cccaccagc ctg 23
347 <210> SEQ ID NO: 27
348 <211> LENGTH: 22
349 <212> TYPE: DNA
350 <213> ORGANISM: Artificial
352 <220> FEATURE:
353 <223> OTHER INFORMATION: Primer
355 <400> SEQUENCE: 27
356 tgtatctctg gacctcgtgc ac 22
359 <210> SEQ ID NO: 28
360 <211> LENGTH: 20
361 <212> TYPE: DNA
362 <213> ORGANISM: Artificial
364 <220> FEATURE:

```

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/527,603

DATE: 03/25/2005  
TIME: 11:09:51

Input Set : A:\Sense 27353-510-061-SequenceListing.txt  
Output Set: N:\CRF4\03252005\J527603.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27  
Seq#:28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51

**VERIFICATION SUMMARY**

DATE: 03/25/2005

PATENT APPLICATION: US/10/527,603

TIME: 11:09:51

Input Set : A:\Sense 27353-510-061-SequenceListing.txt

Output Set: N:\CRF4\03252005\J527603.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date



**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

☒ **BLACK BORDERS**

☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**

☐ **FADED TEXT OR DRAWING**

☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**

☐ **SKEWED/SLANTED IMAGES**

☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**

☐ **GRAY SCALE DOCUMENTS**

☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**

☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**

☐ **OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**